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LUBRICATING OIL COMPOSITION

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Abstract of **JP2002294268**

PROBLEM TO BE SOLVED: To provide a lubricating oil composition not containing a metal which has an excellent extreme-pressure performance and rust preventability. SOLUTION: This lubricating oil composition contains 0.001-0.5 pt.wt. of &beta -dithiophosphorylpropionic acid of formula 1: S=P(-O-R<1>)2 SCH2 CH(R<2>)COOH (wherein R<1> is a 3-8C branched alkyl group and R<2> is -H, a 1-4C straight chain or branched alkyl group) as an extreme-pressure agent to 100 pts.wt. of a base oil of the lubricating oil and 0.005-1 pt.wt. of a polyalkylenepolyamide as a rust preventive agent obtained from a reaction of a polyalkylamine of formula 2: H2 N-(R<3> -NH)m H (wherein R<3> is a 2-4C alkylene group and m is an integer of 2-6 with a 12-30C saturated monocarboxylic or an 18-24C unsaturated monocarboxylic acid.
